

SENTINEL no bill interface

No call charge solution for doorstation communication.



versatile

easy to use

durable

dependable

The **Sentinel** secured entry telephone was designed to meet the communication needs of today's apartment and office buildings that have a constant need for entry supervision, without the need of a duty guard or monitoring facilities.

The **Sentinel** connects to the Tenant/Office via the Telecommunication network using a single telephone line to call up to 1000 different numbers. This eliminates the need for a separate intercom or PABX, both of which require dedicated wiring to each unit and many thousands of dollars in initial and running costs.

Now **Dallas Delta** has produced a **No Bill Interface** for the **Sentinel**, this means that the Sentinel no longer requires a dedicated PSTN line and therefore there are no costs for calls made from the **Sentinel**.

The **No Bill Interface** connects between the PSTN and the building telephone wiring, all wiring is made to disconnection modules (*Krone blocks*) ensuring a very easy setup. The **No Bill Interface** will also accommodate up to 9 **Sentinels**.

features:

- ▶ no cost for calls from sentinel to apartment
- ▶ up to 1000 different numbers
- ▶ analog telephone compatibility
- ▶ distinctive ring tone
- ▶ intrusion tone
- ▶ multiple entry, up to 9 sentinels
- ▶ lift interface option
- ▶ simple installation, directly into krone blocks

description:

When a visitor dials a unit occupier's number on the Sentinel door station, the unit occupier's normal PSTN line is switched out of circuit and the Sentinel is connected instead. The telephone can be programmed to ring with a ring cadence that is dis-similar to PSTN ring tone, so the occupier knows that it is a door station call. If there is no answer, the system will stop after approximately 90 seconds.

If the called unit occupier's telephone is in use, then a call waiting tone is inserted onto the telephone line. Once the telephone has been placed on hook, it will automatically start ringing with a distinctive ring cadence tone. This feature can be disabled, please refer to the *Sentinel No Bill Interface* manual for details.

If the unit occupier is talking to the Sentinel when the occupier's PSTN line starts to ring, a call waiting tone is also injected across the conversation. Once the telephone or Sentinel goes on hook, the telephone will ring as normal.



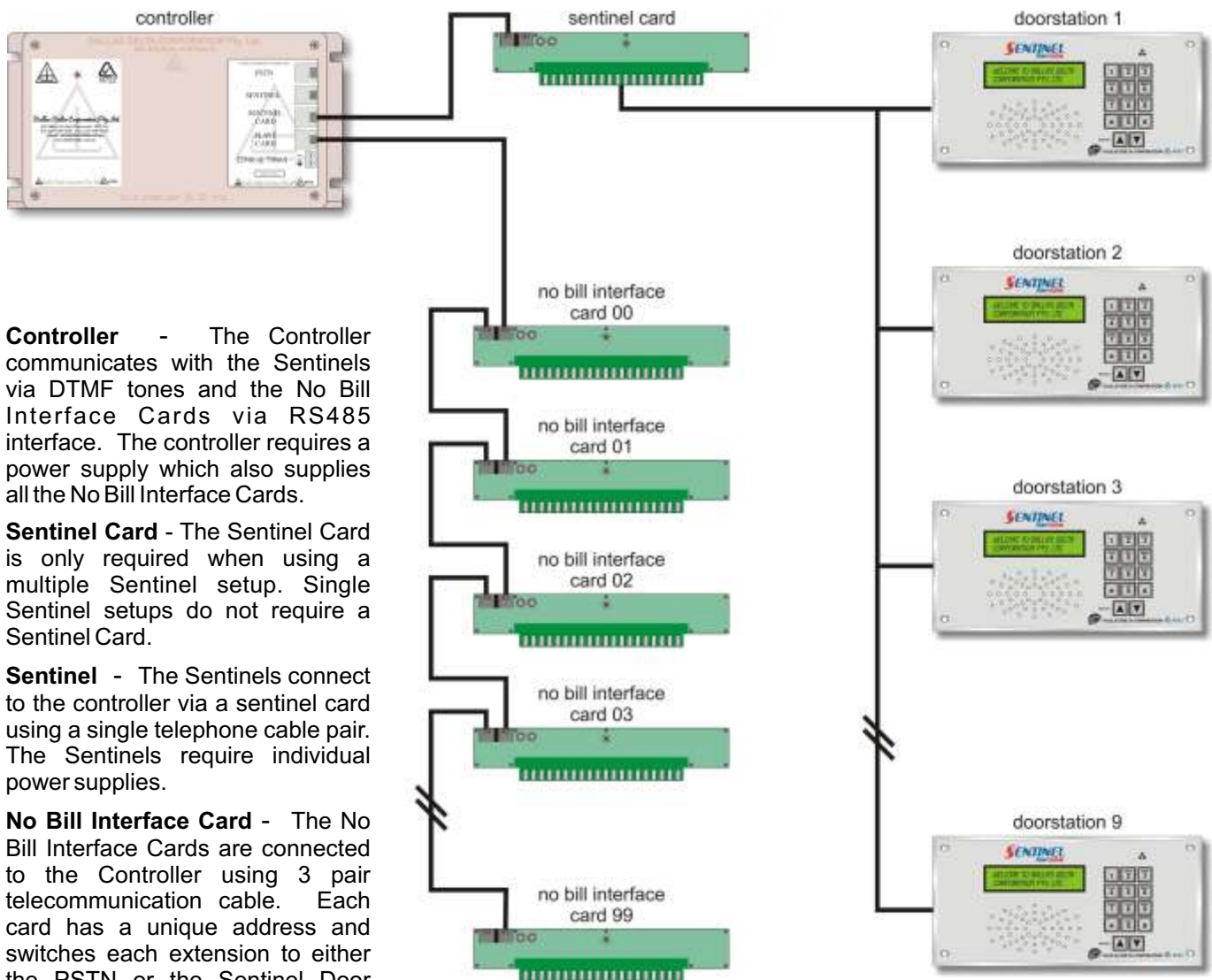
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specifications:

capacity:	the unit may be extended to connect up to 1000 rooms.
multiple entry:	up to nine Sentinels can be connected to the system (<i>optional</i>).
no call charges:	the <i>Sentinel No Bill Interface</i> system does not require a telephone line to operate.
call waiting tone:	this feature is used when the person in the apartment is on another call (PSTN call). The <i>No Bill Interface</i> sends a unique tone, similar to a call waiting tone, to notify that there is someone at the door. This feature is switchable and may be disabled.
pure sine wave ring generator:	may ring up to 3 telephones in parallel. Distinctive rings make it easy to differentiate between a PSTN call and someone at the <i>Sentinel</i> .
lift interface:	allows access to the lift and a specific floor. Access time is programmable and expandable to 100 floors (<i>optional</i>).

Plus all features available to the Sentinel, as referred to in the Sentinel manual.

wiring diagram:



Controller - The Controller communicates with the Sentinels via DTMF tones and the No Bill Interface Cards via RS485 interface. The controller requires a power supply which also supplies all the No Bill Interface Cards.

Sentinel Card - The Sentinel Card is only required when using a multiple Sentinel setup. Single Sentinel setups do not require a Sentinel Card.

Sentinel - The Sentinels connect to the controller via a sentinel card using a single telephone cable pair. The Sentinels require individual power supplies.

No Bill Interface Card - The No Bill Interface Cards are connected to the Controller using 3 pair telecommunication cable. Each card has a unique address and switches each extension to either the PSTN or the Sentinel Door Station.

The information contained on this product brochure is subject to change without notice.



complies with:

ACA
EN60950
AS/NZS3548
EN55022

All relevant Australian Communications Authority Standards
European Safety Standard
EMI Australia/NewZealand Standard
EMI European Standard (CISPR22)



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